

## Sequence Listing

## SEQ.ID.No.1

GGATCCTGGG	CGCAAGAGAG	AGGAGGAAAG	CTGAGCAAAA	TCTCTCAGAG	50
CTTTCAGGAC	CATGGAGAAC	AGTGTACATT	GGGTCGACCA	ACCCAGAGAA	100
AATCCAGGAG	AATGGACCAT	TCAGGACTTA	CTTCCGTGAA	CTTGTGTTTG	150
ATGATGAAAA	GGGCACGGTG	GACTTTTACT	TTTCTGTCAA	GCGGGATGGA	200
AAATGGAAGA	ATGTACATGT	CAAGGCTACA	AAGCAAGACG	ATGGTACTTA	250
TGTTGCTGAC	TATGAGGGTC	AAAACGTTTT	TAAAATTGTC	TCTCTGTGCA	300
GGACGCATCT	GGTAGCACAT	AACATCAACG	TGGATAAGCA	CAGCCAGAAG	350
ACAGAATTGG	CCGGACTGTT	TGTTAAACTG	AATGTTGAAG	ATGAAGACTT	400
GGAGAAATTC	TGGAAGCTGA	CGGAAGACAA	AGGAATTGAC	AAGAAAAACG	450
TTGTGAATTT	CTTGAAAAAT	GAAAACCATC	CCCACCCTGA	ACATCATCAT	500
CATCATCATC	ATCATCATCA	TTAG			

5

## SEQ.ID.No.2

sequence of bOBP with 10X- His tag

10

15

1 ggatcctggg cgcaagagga ggaagctgag caaaatctct cagagctttc aggacatgg  
 61 agaacagtgt acattggatc caccaaccca gagaaaatcc aggagaatgg accattcagg  
 121 acttacttcc gtgaacttgt gttgatgat gaaaagggca cagtggactt ttactttct  
 181 gtcaagcggg atggaaaatg gaagaatgta catgtcaagg ctacaaagca agacgatgg  
 241 acttatgttg ctgactatga gggtaaaat gtatttaaaa tigtctctct gtcgaggacg  
 301 catctggtag cacataacat caacgtggat aagcacggcc agaagacaga attgaccgga  
 361 ctgtttgta aactgaatgt tgaagatgaa gactgggaga aattctggaa gctgacggaa  
 421 gacaaaggaa ttgacaagaa aaacgtgttg aatttcttg aaaatgaaaa ccatccccac  
 481 cctgaacatc atcatcatca tcatcatcat catcattagg aattc

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